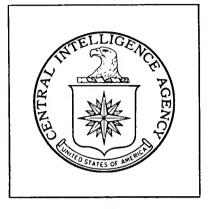
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DIRECTORATE OF INTELLIGENCE

Industrial Facilities (Non-Military)

Basic Imagery Interpretation Report

Major Electric Power Plants Liaoning Province, China

Top Secret

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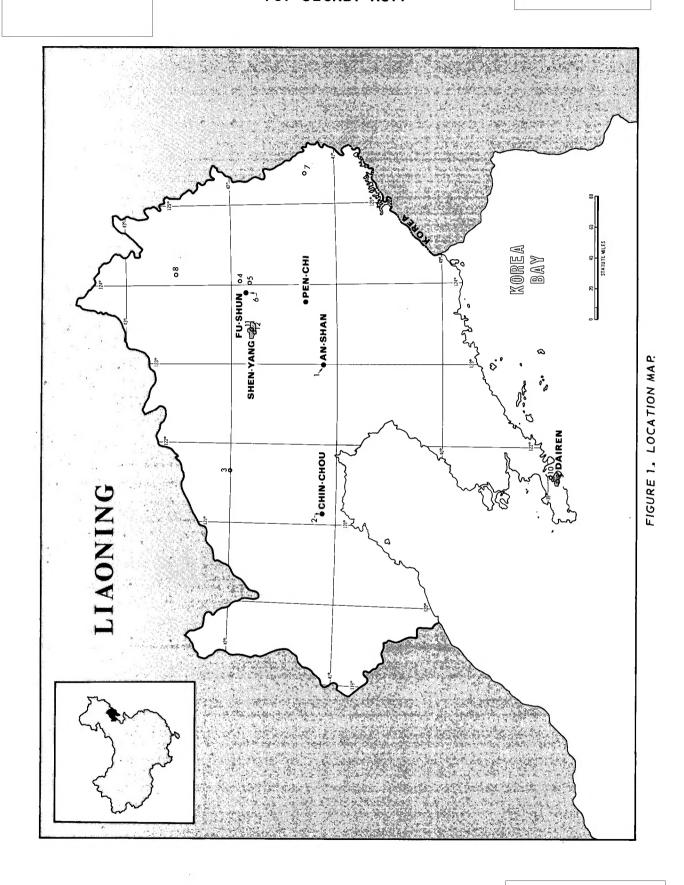
CENTRAL INTELLIGENCE AGENCY Directorate of Intelligence Imagery Analysis Service

ABSTRACT

This report, based on late 1969 and 1970 imagery, updates the previous basic reporting on 12 of the major electric power plants in Liaoning Province, northeastern China. The cut-off date for information is November 1970.

Changes were observed at only three of the plants. The Shen-yang Thermal Power Plant Northeast was being converted to a heat processing plant. The boilerhouse and generator hall roofs were modified and two of the three stacks were dismantled between January 1969 and April 1970. At the Kai-yuan Thermal Power Plant Ching-ho, the roofs of the boilerhouse and generator hall were removed between November 1968 and December 1969. At the third plant, Lu-ta Thermal Power Plant No. I Amanogawa, the smoke stacks were removed between September and November 1970.

On the latest coverage, eight of the plants were operating and one plant was probably operating.



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INTRODUCTION

This report updates previous basic reporting on the following 12 major electric power plants in Liaoning Province (see Figure 1).

- 1. An-shan Heat and Thermal Power Plant Steel Plant
- 2. Chin-chou Thermal Power Plant Synthetic Fuels Plant
- 3. Fou-hsin Thermal Power Plant
- 4. Fu-shun Heat and Thermal Power Plant Liao-ning
- 5. Fu-shun Thermal Power Plant Shale Oil Plant No. 2
- 6. Fu-shun Thermal Power Plant Tai-kan-ton
- 7. Huan-jen Hydro Power Plant Hun-chiang
- 8. Kai-yuan Thermal Power Plant Ching-ho
- 9. Lu-ta (Dairen) Thermal Power Plant No. I Amanogawa
- 10. Lu-ta Heat and Thermal Power Plant No. 2 Kan-ching-tzu
- II. Shen-yang Thermal Power Plant Northeast (converted to a heat processing plant)
- 12. Shen-yang Thermal Power Plant Tieh-hsi

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CIA. RCS-13/0027/70, Major Electric Power Plants, Liaoning Province, China, February 1970, (TOP SECRET RUFF)

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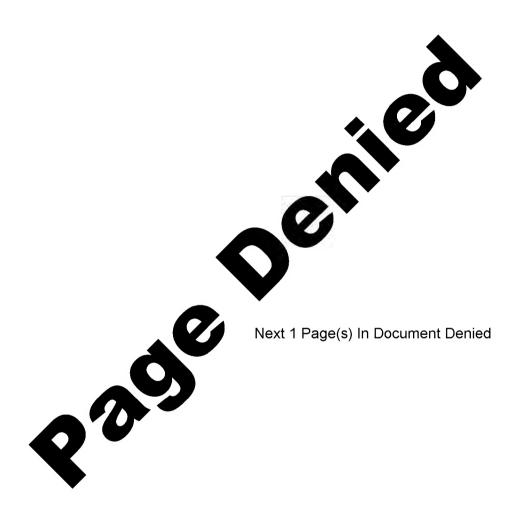
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		TOP SECRET RUFF	
NSTALLATION OR A	CTIVITY NAME		COUNTRY
An-shan Heat a	nd Thermal Power F	Plant Steel Plant	CH
TM COORDINATES	GEOGRAPHIC COORDINAT		
51TVF987529	41-07-55N 122-59	-U)E	
	TC, Series 200, Sh	eet M0289-20HL, 3rd ed, Sep	66, Scale 1:200,000
ATEST IMAGERY US	ED	NEGATION DATE (If required	d)
			JA
teel Plant si revious repor The plant	s have been observ nce November 1968, t.	BASIC DESCRIPTION ed at the An-shan Heat and the date of the latest pho n observed in March 1970. t cooling towers.	tography used in the

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Αρριονέα ι οι ιν	Release 2008/10/06 : CIA-RDP7 TOP SECRET RUFI	
INSTALLATION OR ACTIVITY NAME		COUNTRY
	Power Plant Liao-ning COORDINATES IN 124-05-32E	СН
MAP REFERENCE		
6th RTS. USATC, Series : (SECRET)	200, Sheet M0290-IIHL, 4th	n ed, Jan 66, Scale I:200,000
LATEST IMAGERY USED	NEGATION DA	ATE (If required)
	1	
		· NA
	BASIC DESCRIPTION	d.
		Heat and Thermal Power Plant test photography used in the
The plant was opera- from all three of the sta	ting in March 1970. Heavy acks.	y smoke was observed emanating

-7-

TOP SECRET RUFF

TOP SEC	RET RUFF		
			2.5
INSTALLATION OR ACTIVITY NAME			COUNTRY
Fu-shun Thermal Power Plant Shale Oil Pla	nt No. 2		СН
UTM COORDINATES GEOGRAPHIC COORDINATES 5 TWG8743 5 4 -49-45N			
MAP REFERENCE 67th RTS. USATC, Series 200. Sheet M0290- (SECRET	IIHL, 4th ed, J	lan 66, Sc	cale 1:200,000
LATEST IMAGERY USED	NEGATION DATE (If re	quired)	
		NA	ì
BASIC DES	CRIPTION		
No changes have been observed at the Plant No. 2 since November 1968, the date previous report.	Fu-shun Therma	∍l Power F photograp	Plant Shale Oil phy used in the
The plant was operating in December from the stack and vapor from one of the	1969. Smoke wa two cooling tov	as observe wers.	ed emanating
	<u> </u>		

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TOP SECRET RUFF

TOP SECRET RUFF	
STALLATION OR ACTIVITY NAME	COUNTRY
-shun Thermal Power Plant Tai-kan-ton	СН
M COORDINATES GEOGRAPHIC COORDINATES	I UII
TWG708341 41-51-12N 123-53-03E	
PREFERENCE	
USATC, Series 200, Sheet M0290-11HL, 4th ed, Ja (SECRET)	an 66, Scale I:200,000
TEST IMAGERY USED NEGATION DATE (IT requir	red)
	NA
BASIC DESCRIPTION	
No changes have been observed at the Fu-shun Thermal nce April 1969, the date of the latest photography used	Power Plant Tai-kan-ton
The plant was operating in March 1970. Smoke was obs o of the four stacks and vapor from ten of the 13 coolin	erved emanating from
The 13 cooffin	g lowers.

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-9-

NSTALLATION OR ACTIVITY NAME		COUNTRY	<u> </u>
Huan-jen Hydro Power Plant Hu		СН	
GEOGRAPHIC COORD 51TYF022710 41-17-00N 125-			
IAP REFERENCE	۷,- ۱, ۱, ۱, ۱, ۱, ۱, ۱, ۱, ۱, ۱, ۱, ۱, ۱,		
JSNOO. USATC, Ş <mark>eries 200. Sh</mark> e	eet M0290-17HL. 4	th ed. Apr 68. Scale 1.200 000	
(SECRET)	INFOA	TION DATE (If required)	
ATEST IMAGERY USED	INEGA	THOR DATE (II required)	
		NA	
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	BASIC DESCRIP	TION	
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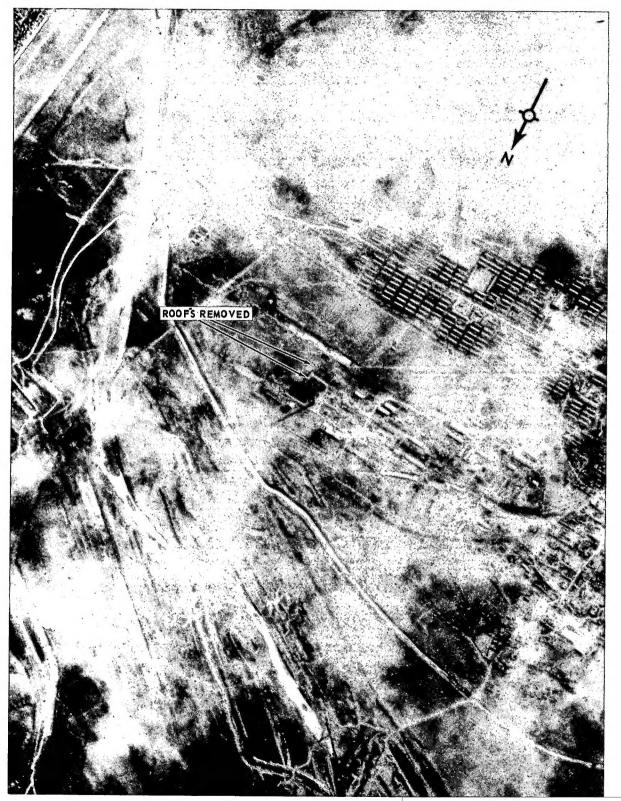
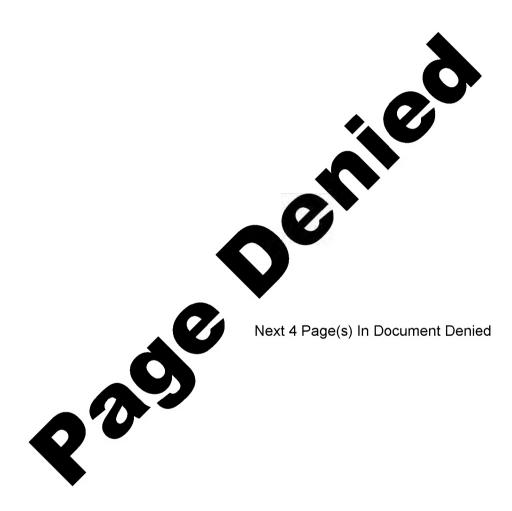


FIGURE 2. KAI-YUAN THERMAL POWER PLANT CHING-HO, CHINA,

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	TOP SECRET RUFF		
		3	-
STALLATION OR ACTIVITY NAM	E	CC	DUNTRY
ai-yuan Thermal Power IM COORDINATES GEOGRAPH	Plant Ching-ho IC COORDINATES		СН
	-31N 124-09-31E		
P REFERENCE	200 Chart M0200 CH Athard Fall		0.000
(SECRET)	200. Sheet M0290-6HL, 4th ed, Feb	58, Scale 1:200	3,000
TEST IMAGERY USED	NEGATION DATE (If	required)	
		NA	
i-yuan Thermal Power otography used in the at the roofs had bee	boilerhouse and generator hall ha Plant Ching-ho since November 19 e previous report. Photography on n removed. They had not been rep	968, the date of of December 1969	the latest revealed
ai-yuan Thermal Power notography used in the nat the roofs had been see Figure 2).	Plant Ching-ho since November 19 e previous report. Photography o	968, the date of of December 1969 placed as of Marc	the latest revealed ch 1970
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